

## REMARKS

Support for the amendment to claim 1 can be found, for example, in original claim 1. No new matter has been added.

### Information Disclosure Statement

Additional copies of references 011, 014 and 015, cited in PTO/SB/08A are attached herewith.

### Rejections under 35 U.S.C§112

The amendments to the claims render the rejections moot. Thus, it is respectfully requested that the rejections under 35 U.S.C. §112 be withdrawn.

### Rejections under 35 U.S.C. §103

Claims 1-4, 6-14 and 16-22 stand rejected under 35 U.S.C. 103(a) as allegedly being unpatentable over Egami et al. (US 6,149,990). Claim 15 stands rejected under 35 U.S.C. 103(a) as being unpatentable over Egami et al. (US 6,149,990) as applied to claims 1-4, 6-14 and 16-22 above, and further in view of US2002/0003827.

It is believed that the amendments to the claims render the rejections moot.

As the Examiner notes on page 4 of the Office Action, Egami et al. does not teach a helical pitch of the liquid crystal medium  $\leq 1\mu\text{m}$ .

Furthermore, Egami does not teach or suggest a nematic component which comprises 75 % of 3-ring compounds of formula 11-13 that contain a 3,4,5-trifluorophenyl group, and wherein the first two rings of these compounds are directly linked.

On page 4 of the Office Action, the Examiner cites examples 17, 25 and 37 of Egami. More than 25% of the LC mixtures in Examples 17, 25 and 37 contain compounds which have an ether group or an ethylene group between the first and the second ring.

Furthermore, Examples 33-34 and 38 of Egami, do not contain 75 % of

compounds containing a 3,4,5-trifluorophenyl group.

Additionally, there is nothing within Egami et al. that would lead a skilled worker to choose a nematic component having at least 75% by weight of one or more compounds of formulae I1-I3 which contains a 3,4,5-trifluorophenyl group, to arrive at a chiral LC mixture with a helical pitch of  $\leq 1\mu\text{m}$ .

US2002/0003827 does not cure the deficiencies of Egami. Neither reference teaches or suggests a liquid crystal medium having a helical pitch of the liquid crystal medium  $\leq 1\mu\text{m}$  and a nematic component having at least 75% by weight of one or more compounds of formulae I1-I3 which contains a 3,4,5-trifluorophenyl group.

Thus, it is respectfully requested that the rejections under 35 USC §103 be withdrawn.

The Commissioner is hereby authorized to charge any fees associated with this response or credit any overpayment to Deposit Account No. 13-3402.

Respectfully submitted,  
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